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BY 34 AND 1

Patent Claims

1. Flat, flexible laminated composite material, characterised by a liquid-impermeable layer (14) and a liquid-absorbent layer (16) bonded to the latter.
2. Laminated composite material according to claim 1, characterised in that the liquid-impermeable layer is a sheet (14).
- 10 3. Laminated composite material according to claim 1 or 2, characterised in that the liquid-absorbent layer (16) has a pile (22), preferably of cotton fibres (24).
- 15 4. Laminated composite material according to claim 3, characterised in that the liquid-absorbent layer (16) comprises a fleecy material.
- 20 5. Laminated composite material according to claim 1 or 2, characterised in that the liquid-absorbent layer (16) is a fleece layer.
- 25 6. Laminated composite material according to one of the preceding claims, characterised in that the liquid-absorbent layer (16) contains microcapsules (28) that are filled with a substance (32) and that have a covering (30) that can be degraded or destroyed by pressure, temperature or moisture.
- 30 7. Laminated composite material according to claim 6 in conjunction with claim 3, characterised in that the microcapsules (28) adhere to the fibres (24) of the pile (22), preferably via a bonding agent (26).

8. Laminated composite material according to one of the preceding claims, characterised in that a support layer (12) carries the liquid-impermeable layer (14).
- 5 9. Laminated composite material according to claim 8, characterised in that the support layer (12) is a flexible network layer (34).
10. Laminated composite material according to claim 9, characterised in that the flexible network layer (34) consists of a material having a high degree of friction, in particular rubber.
- 15 11. Laminated composite material according to one of the preceding claims, characterised in that a liquid-permeable, preferably hydrophobic cover layer (18) for the liquid-absorbent layer (16) is provided on the side remote from the liquid-impermeable layer (14), the said cover layer being joined to the liquid-absorbent layer (16).
- 20 12. Laminated composite material according to claim 11, characterised in that the cover layer (18) is bonded to the liquid-absorbent layer (16), the bonding agent being provided on a plurality of bonding positions (36) spaced apart from one another and distributed over the surface of the laminated composite material (10).